

~~39~~
~~41~~. The method of claim 1, wherein the aqueous polar liquid has a dielectric constant of at least 10.

~~40~~
~~42~~. The method of claim 1, wherein the aqueous polar liquid has a dielectric constant of at least 20.

~~41~~
~~43~~. The method of claim 1, wherein the aqueous polar liquid has a dielectric constant of at least 40.

~~42~~
~~44~~. The method of claim 1, wherein the aqueous polar liquid has a dipole moment of at least 0.5 Debye and has a dielectric constant of at least 10.

~~43~~
~~45~~. The method of claim 1, wherein the aqueous polar liquid has a dipole moment of at least 0.75 Debye and has a dielectric constant of at least 20.

~~44~~
~~46~~. The method of claim 1, wherein the aqueous polar liquid and the wetting agent do not leave a conductive, non-volatile residue on the fibrous electret web.

~~45~~
~~47~~. The method of claim 1, wherein the fibers have fluorine atoms on their surfaces.

~~46~~
~~48~~. The method of claim ~~44~~⁴², wherein the resulting fibrous electret web is substantially unpolarized in a plane normal to the plane of the web.